## This Page Is Inserted by IFW Operations and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

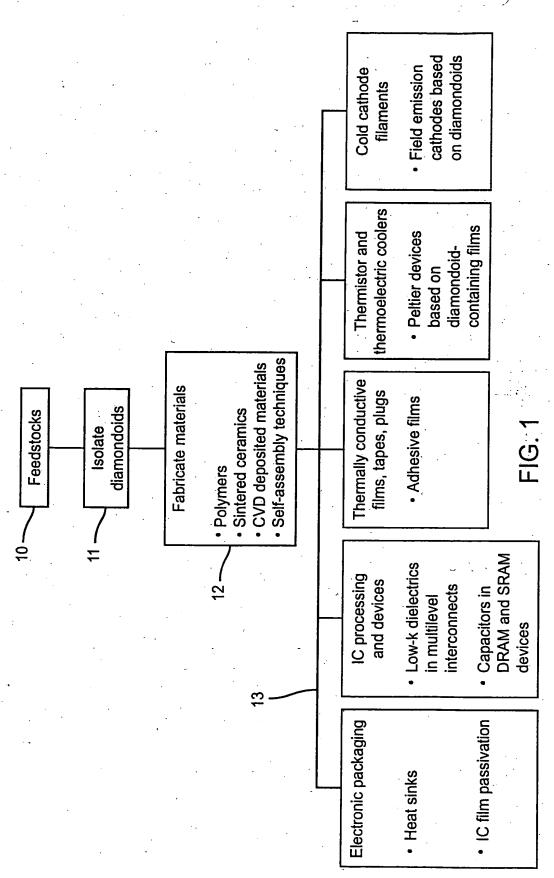
Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

## IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

APPIN. FILING DATE: HEREWITH
TITY DIAMONDOID-CONTAINING MATERIALS ...
INVERSE: JEREMY E. DAHL, ET AL.
APPLICATION SERIAL NO: NEW
SHEET 1 of 18



SHEET 2 of 18

201 202 203 205 CH<sub>2</sub> CH

FIG. 2A

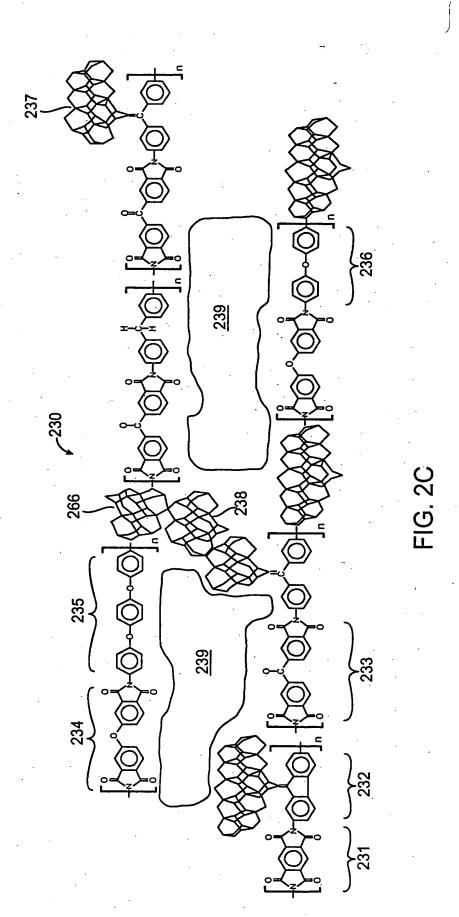
APPLN. FILING DATE: HEREWITH
TITLE TYAMONDOID-CONTAINING MATERIALS ...
INVENT. (S): JEREMY E. DAHL ET AL.
APPLICATION SERIAL NO: NEW
SHEET 3 of 18

221  $CH = CH_2$ .CH=CH<sub>2</sub> CH<sub>2</sub> = CH<sub>2</sub> 222 221 221 224 222 M<sub>3</sub> 225

FIG. 2B

APPLN. FILING DATE: HEREWITH
TITLE: MONDOID-CONTAINING MATERIALS ...
INVENT: SERIAL NO: NEW
S

SHEET 4 of 18



APPLN. FILING DATE: HEREWITH
TITLE: MONDOID-CONTAINING MATERIALS ...
INVENTOS): JEREMY E. DAHL, ET AL.
APPLICATION SERIAL NO: NEW SI













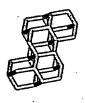
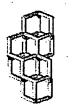
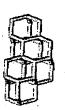


FIG. 2D





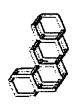


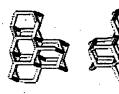












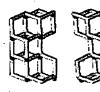
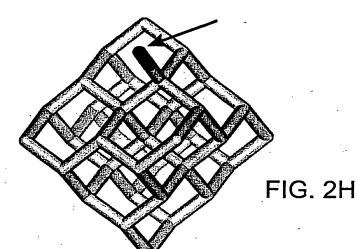
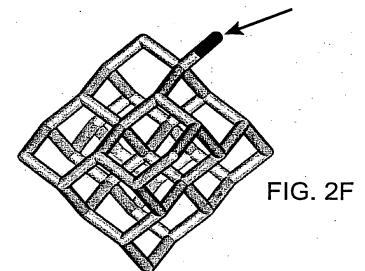


FIG. 2E

APPLN. FILING DATE: HEREWITH
TITY DIAMONDOID-CONTAINING MATERIALS.
INV. R(s): JEREMY E. DAHL ET AL.
APPLICATION SERIAL NO: NEW

SHEET 6 of 18





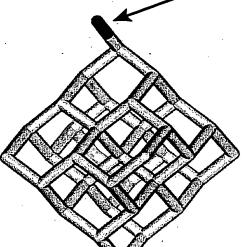


FIG. 2G



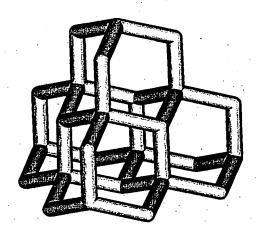
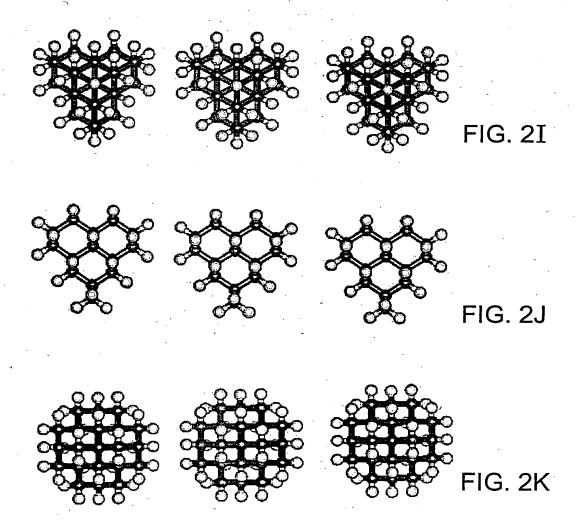
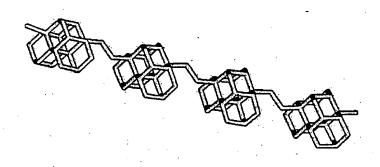


FIG. 2N



APPLN. FILING DATE: HEREWITHY
TITLE HAMONDOID-CONTAINING MATERIALS ...
INVELOCITY
(S): JEREMY E. DAHL ET AL.
APPLICATION SERIAL NO: NEW SI





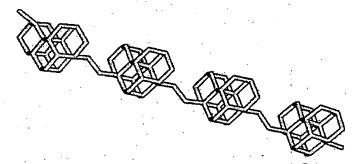
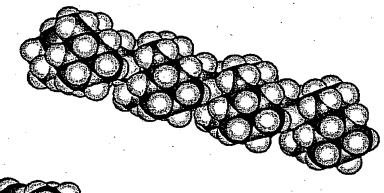


FIG. 2L



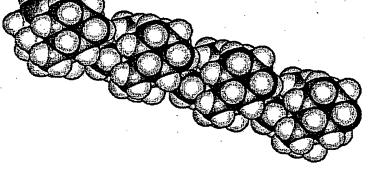


FIG. 2M

APPLN. FILING DATE: HEREWITH
TITLE: MONDOID-CONTAINING MATERIALS ...
INVENT: 3): JEREMY E. DAHL ET AL.
APPLICATION SERIAL NO: NEW
SHEET 9 of 18

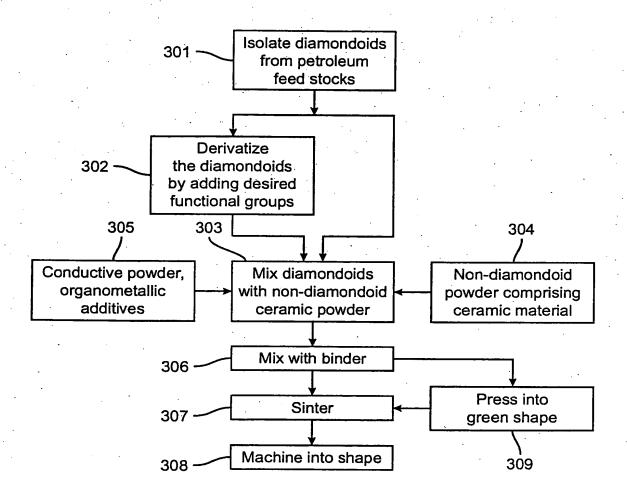
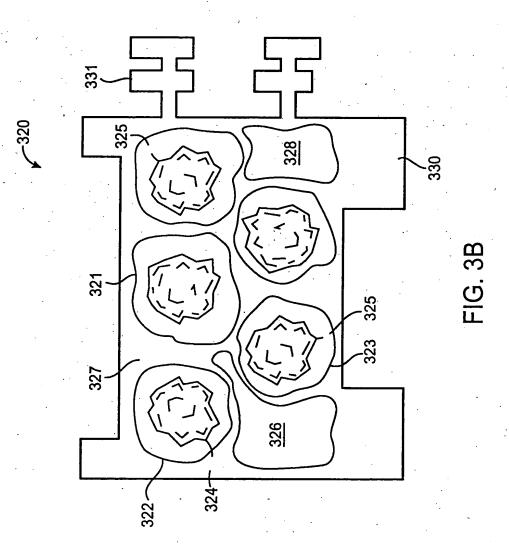


FIG. 3A

APPLN. FILING DATE: HEREWITH
TITLE MONDOID-CONTAINING MATERIALS ...
INVEN ): JEREMY E. DAHL ET AL.
APPLICATION SERIAL NO: NEW SH

SHEET 10 of 18



APPLN. FILING DATE: HEREWITH
TITLE: MONDOID-CONTAINING MATERIALS ...
INVENT: JEREMY E. DAHL ET AL.
APPLICATION SERIAL NO: NEW
SHEET 11 of 18

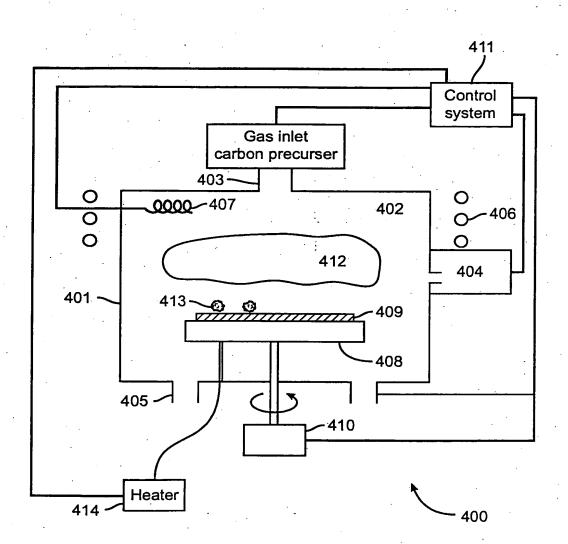


FIG. 4

+

APPLN. FILING DATE: HEREWITH
TITLE: MONDOID-CONTAINING MATERIALS ...
INVENTED:): JEREMY E. DAHL ET AL.
APPLICATION SERIAL NO: NEW SHEET 12 of 18

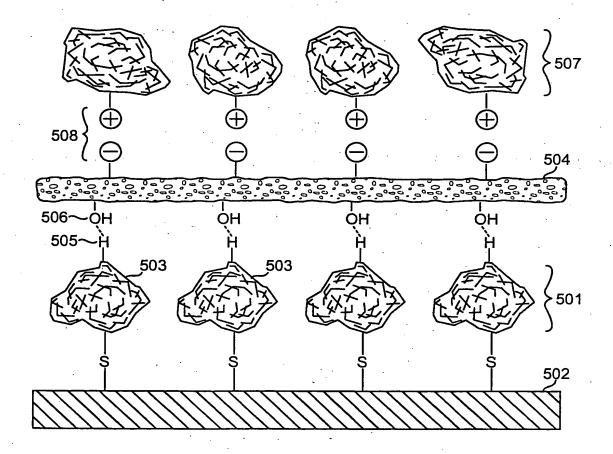
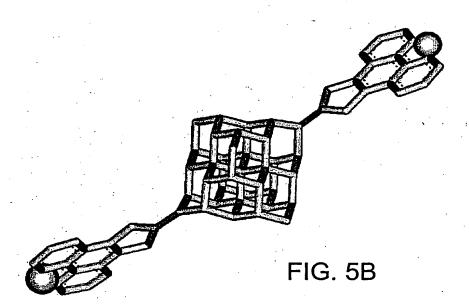
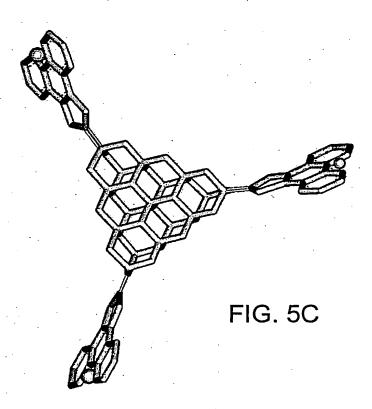


FIG. 5A

APPLN. FILING DATE: HEREWITH
TITLE AMONDOID-CONTAINING MATERIALS ...
INVENTO(S): JEREMY E. DAHL, ET AL.
APPLICATION SERIAL NO: NEW SH

SHEET 13 of 18

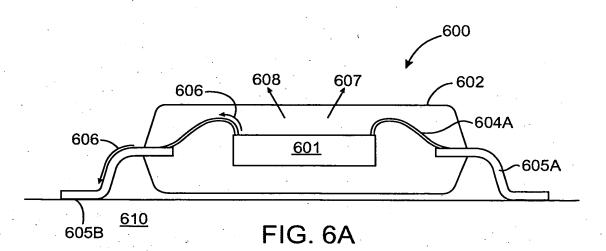




INV. R(S): JEREMY E. DAHL ET AL. APPLICATION SERIAL NO: NEW

**SHEET 14 of 18** 

+



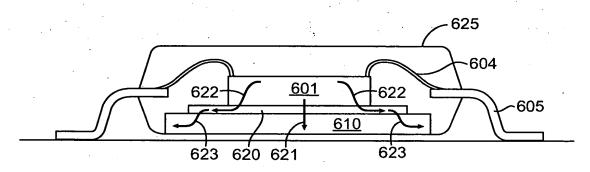


FIG. 6B

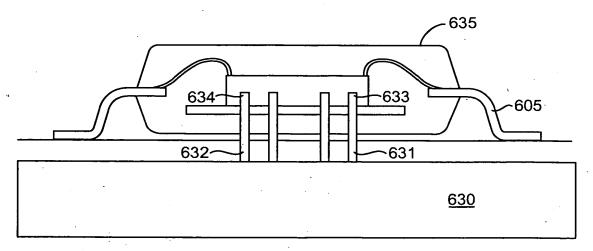
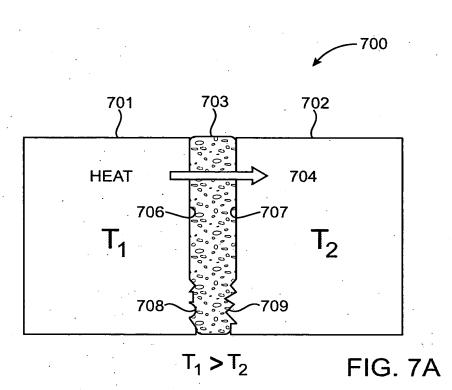


FIG. 6C

10047044 clll402

APPLN. FILING DATE: HEREWITH
TITLE DIAMONDOID-CONTAINING MATERIALS ...
INVERSE: JEREMY E. DAHL ET AL.
APPLICATION SERIAL NO: NEW SHEET 15 of 18

+



701 703 702

705 HEAT

706 707 T<sub>4</sub>

708 709

T<sub>3</sub> < T<sub>4</sub>

FIG. 7B

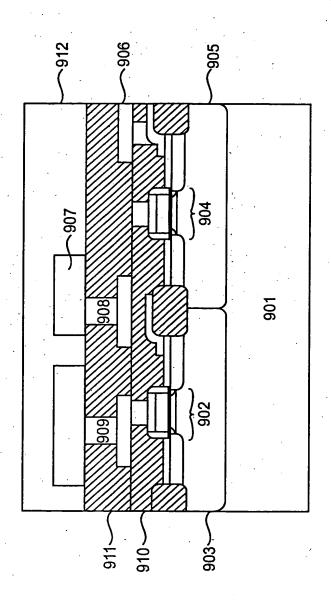
APPLN. FILING DATE: HEREWITH
TITLE: MONDOID-CONTAINING MATERIALS ...
INVENT: JEREMY E. DAHL ET AL.
APPLICATION SERIAL NO: NEW SHEET 16 of 18

~805

'

+~

APPLN. FILING DATE: HEREWITH
TITLE AMONDOID-CONTAINING MATERIALS ...
INVEN (S): JEREMY E. DAHL, ET AL.
APPLICATION SERIAL NO: NEW SHEET 17 of 18



트G. 9

APPLN. FILING DATE: HEREWITH
TITLE: MONDOID-CONTAINING MATERIALS ...
INVENT (): JEREMY E. DAHL ET AL.
APPLICATION SERIAL NO: NEW SHEET 18 of 18

